

PRODUCT DATA SHEET

Royal Diesel Guard Fuel Conditioner



PRODUCT DESCRIPTION:

Royal Diesel Guard is the fuel conditioner of the future. It responds to the new set of demands created by new low sulphur fuels, as well as, satisfying the needs of previous fuel related problems.

Royal Diesel Guard not only helps to stabilize the fuel but also increases engine life and power by: keeping the internal parts of the engine cleaner, aiding combustion, neutralizing acids and holding carbon, varnish and gum in suspension. It suppresses tendencies for icing and corrosion caused by water.

KEY FEATURES:

- Reduces fuel consumption
- Aids cold fuel flow and filterability
- Reduces diesel fuel pour point
- Keeps injections cleaner
- Increases pump and injector life
- Reduces / eliminates slime associated with prolonged storage

CUSTOMER BENEFITS:

- Protects against deposits
- Reduces valve sticking and provides upper cylinder lubrication
- Neutralizes harmful engine acids
- Increases horsepower output
- Provides lubricity agents for low sulfur fuel
- Improves overall engine performance

INSTRUCTIONS:

For Untreated Engines	1 qt. per 50 gallons of fuel
For Continued Treatment	1 qt. per 150-200 gallons of fuel
Storage Tank Treatment	1gallon per 1000-2000 gallons of fuel

PACKAGING:

Totes, Drums, Pails, Gallons, Quarts

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Typical Properties

Royal Diesel Guard					
Product Number	630	631	632	633	Test Method
Type	Summer	All Season	-	Arctic	-
Viscosity@40°C cSt	29.96	27.82	28.4	26.49	ASTM D445
Viscosity@100°CcSt	0.87639	0.88813	0.8849	0.89563	ASTM D445
Viscosity Index (VI)	7.299	7.396	7.369	7.459	ASTM D2270
API	0.8759	0.88763	0.88441	0.89513	
Specific Gravity	91	93	104	73	
Density	-51	-51	-51	-51	
Pour Point °C	<0.5	<1.0	<1.5	<1.0	ASTM D97
Lbs/Gal	1.247	1.379	1.7	2.349	
Flash Point °C	3.913	4.28	7.086	9.316	ASTM D92
Color	0		0	52	ASTM

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.